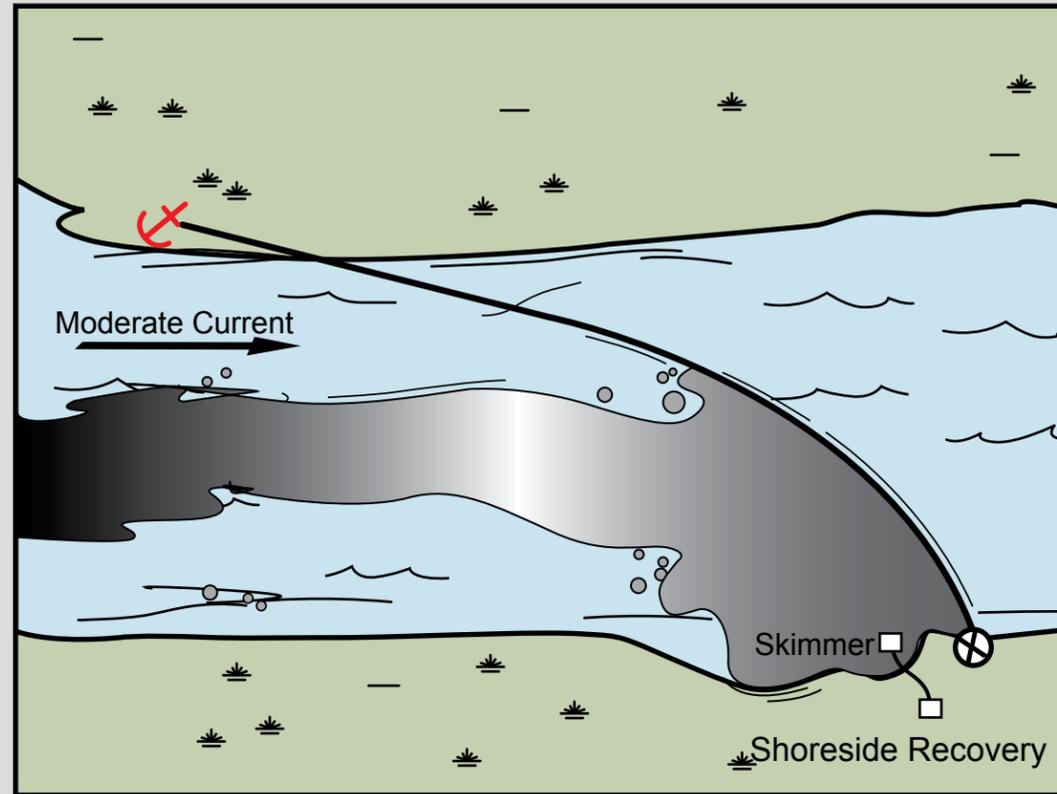


An example of the *Diversion Booming Tactic*. Actual deployment should be adjusted for local conditions.



Map Legend

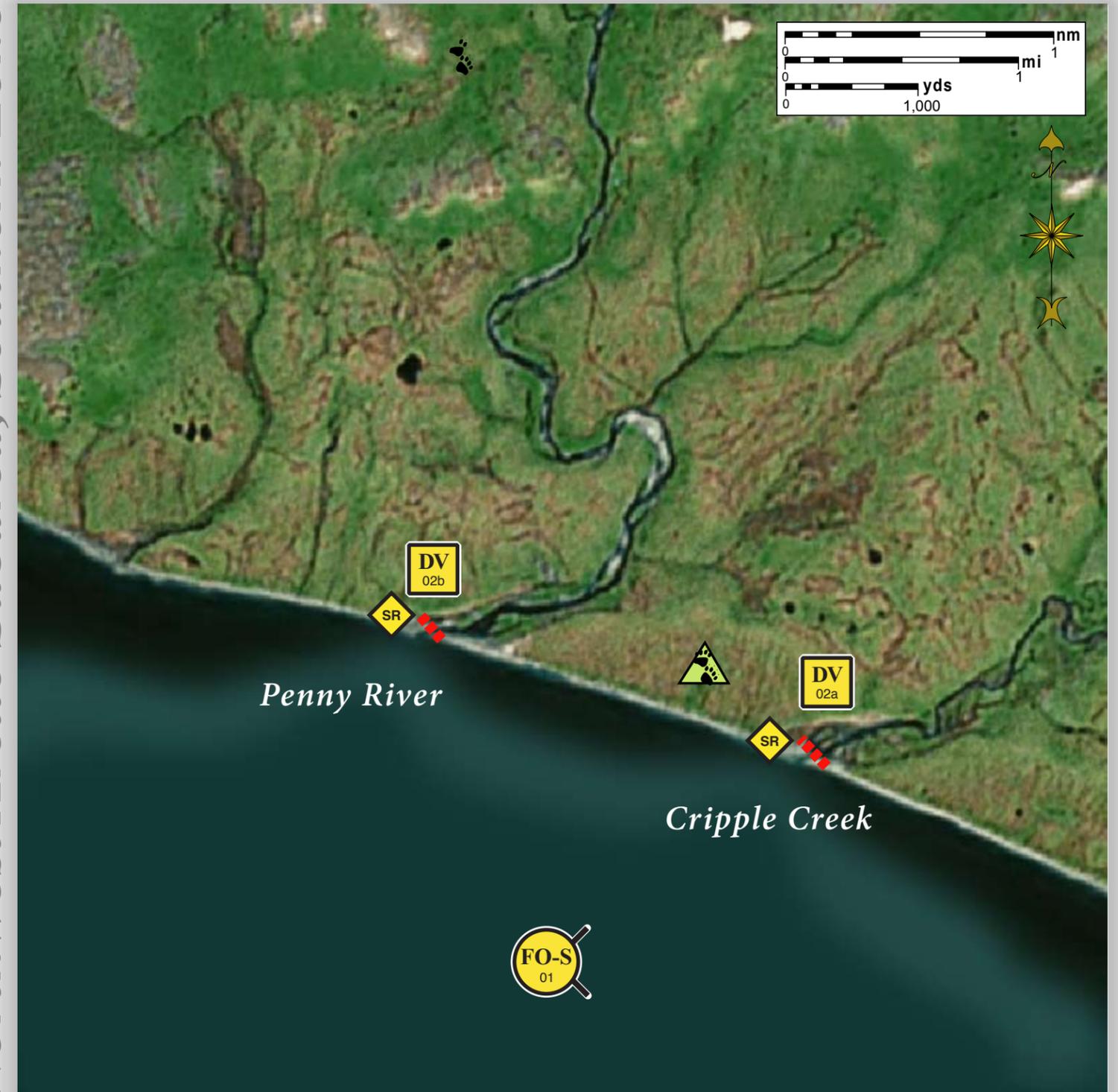
	Free-oil Recovery		Protected-water Boom
	Diversion Booming		Bears in Area, Guards Recommended
	Shoreside Recovery		

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

Geographic Response Strategies for Northwest Arctic Subarea, Southern Zone

Cripple Creek & Penny River, NWA-S13

Center of map at 64° 32'20" N Lat., 165° 49'16" W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-13-01 	Penny & Cripple Creek Nearshore waters in the general area of: Lat. 64° 31.37 N Lon. 165°49.82 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Penny & Cripple Creek depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Penny & Cripple Creek. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Nome	Via marine waters Chart 16200	Same as S-13-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
S-13-02 	Penny & Cripple Creek Cripple Creek a. Lat. 64° 32.17 N Lon. 165°50.90 W Penny Creek b. Lat. 64° 32.38 N Lon. 165°44.65 W	Divert and Collect Divert oil to shore-side collection points determined by spill source and trajectory.	Transport equipment via road and beach from Nome. Deploy anchors and boom with raft. Place protected-water boom across the creek mouths at a proper angle to divert incoming oil to the collection site. Set-up collection site using shore-side collection units or if oil volume is minimal, use sorbent boom or snare line to provide collection of oil. Tend throughout the tide. <u>Alternative</u> a. 450 ft. b. 600 ft.	Deployment Equipment 1050 ft. protected-water boom 5 ea. small anchor systems 8 ea. anchor stakes 2 ea. shore-side collection units Vessels 1 ea. inflatable raft Personnel/Shift 2 ea. vessel crew 4 ea. response techs Tending Vessels 1 ea. inflatable raft Personnel/Shift 2 ea. vessel crew 2 ea. response tech	Vessel platform	Via marine waters Chart 16200	Fish- intertidal spawning- herring, sockeye, chinook, pink, coho salmon, dolly varden, white fish Habitat- Low lying tundra, marsh, gravel beaches	Vessel master should have local knowledge. Title 41 permitting required from ADNR. A population of bears may be present in the area. A bear guard is required during shore operations. Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment. FOSC Historic properties specialist should INSPECT site prior to operations. Take appropriate measures as outlined in the STAR Manual to protect the beach at the collection site. Site Survey: Not surveyed Tested: not yet

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the NWA Sub-Area Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_nwa.htm.